

Title (en)
WRITING POINT

Publication
EP 0230966 B1 19890823 (DE)

Application
EP 87100731 A 19870120

Priority
DE 3601676 A 19860121

Abstract (en)
[origin: US4717277A] A method for the production of a writing point for liquid ink by utilizing a tube (5) of small internal diameter and a writing point which is produced thereby are proposed. In such a case, axially extending ink channels (3) are provided in the internal wall of the fixed tube (5) having an internal diameter which substantially corresponds to the diameter of a ball (1), said channels (3) extending to the free end of the tube (5) and being spaced from one another. A circumferential, annular recess (9) is formed in the tube (5) at a distance from the free end of said tube, and the ball (1) is inserted into the free end until it abuts against the recess (9). Subsequently, the free edge of the tube (5) is inwardly flanged, and a substantially cylindrical ink conductor (4) is inserted into the remote end of the tube and partially overlapped by the ink channels (3).

IPC 1-7
B43K 1/08

IPC 8 full level
B43K 1/08 (2006.01)

CPC (source: EP KR US)
B43K 1/08 (2013.01 - EP KR US); **Y10T 29/49854** (2015.01 - EP US)

Cited by
CN1050807C

Designated contracting state (EPC)
AT BE FR IT LU NL SE

DOCDB simple family (publication)
EP 0230966 A1 19870805; EP 0230966 B1 19890823; AT E45705 T1 19890915; CH 669931 A5 19890428; CN 1008255 B 19900606; CN 86105488 A 19880309; DE 3601676 A1 19870723; DE 3601676 C2 19880609; GB 2185445 A 19870722; GB 2185445 B 19891122; GB 8618247 D0 19860903; JP S62170397 A 19870727; KR 870006994 A 19870814; US 4717277 A 19880105

DOCDB simple family (application)
EP 87100731 A 19870120; AT 87100731 T 19870120; CH 290386 A 19860721; CN 86105488 A 19860825; DE 3601676 A 19860121; GB 8618247 A 19860725; JP 26260986 A 19861104; KR 870000476 A 19870121; US 88388886 A 19860709